

Jefferson Lab Alignment Group

DATA TRANSMITTAL

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FROM: C. J. Curtis

Checked:

: A789

DETAILS:

Below are the results of the RCS magnet alignment carried out on January 9th, 2002. The results indicate the difference between the ideal location of the magnet fiducials and the final surveyed location. Values are reported in a beam following system in millimeters, such that a positive Z is downstream, positive X is to the beam right, and positive Y is up.

RCS Magnet - Beam Following Locations (mm)

Target	Z bfs	X bfs	Y bfs
ARCS01A	0.34	0.24	0.21
ARCS01B	0.38	0.02	-0.74
ARCS01C	0.30	-0.39	-1.41
ARCS01D	0.53	-0.92	-1.45
ARCS01E	0.76	-1.03	-0.59
ARCS01F	0.89	-1.00	0.65